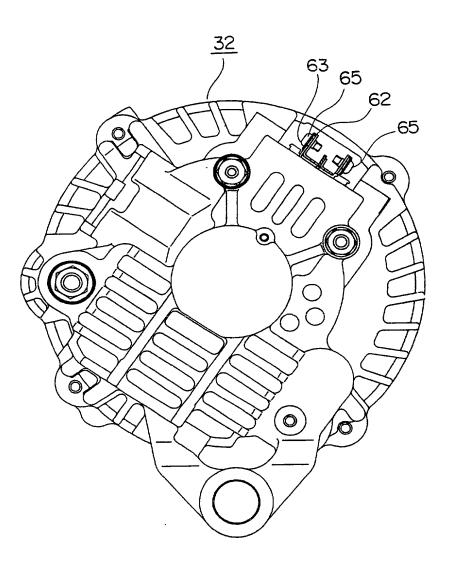


The first state from the first to

TAKAHASHI et al Q67303 ALTERNATOR Filed: November 20, 2001 Robert J. Seas, Jr. 202-293-7060 2 of 20

FIG. 2



TAKAHASHI et al Q67303 ALTERNATOR Filed: November 20, 2001 Robert J. Seas, Jr. 202-293-7060 3 of 20

FIG. 3

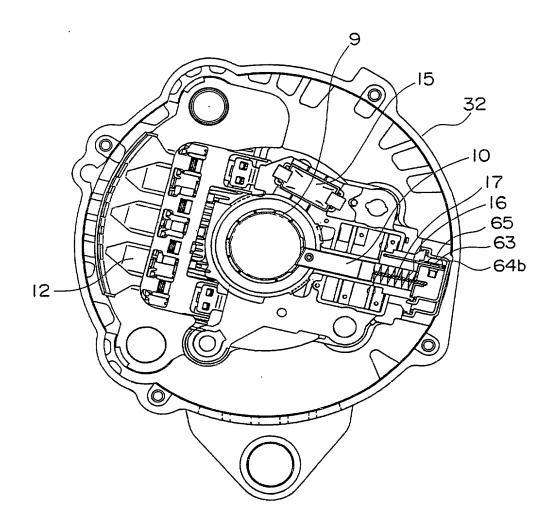


FIG. 4A

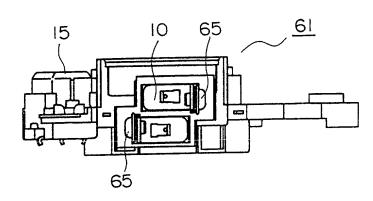


FIG. 4B 61

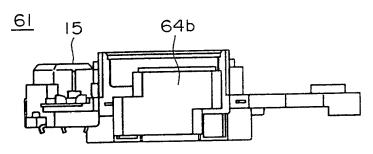
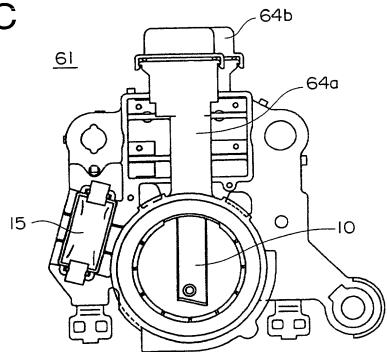


FIG. 4C



TAKAHASHI et al Q67303 ALTERNATOR Filed: November 20, 2001 Robert J. Seas, Jr. 202-293-7060 5 of 20

FIG. 5A

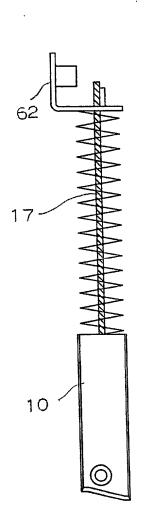
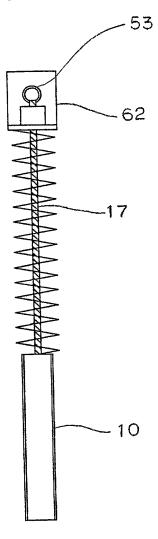
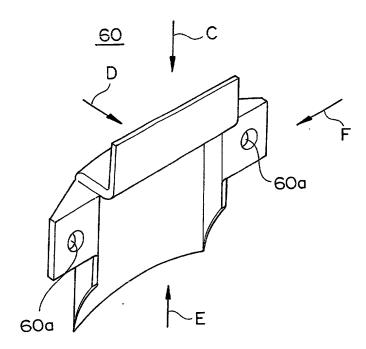


FIG. 5B



TAKAHASHI et al Q67303 ALTERNATOR Filed: November 20, 2001 Robert J. Seas, Jr. 202-293-7060 6 of 20

FIG. 6



TAKAHASHI et al Q67303 ALTERNATOR Filed: November 20, 2001 Robert J. Seas, Jr. 202-293-7060

FIG. 7A

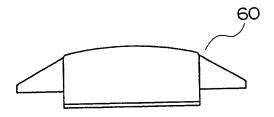


FIG. 7D

FIG. 7B

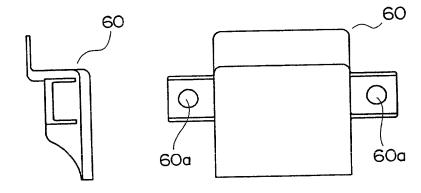
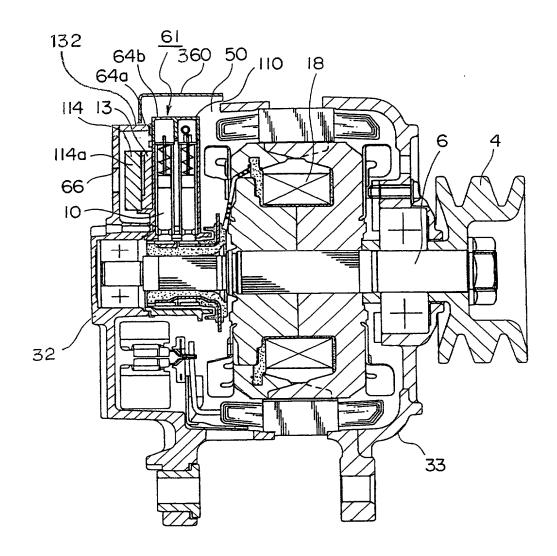
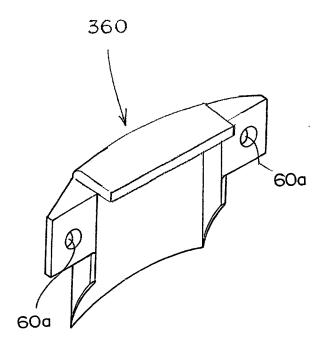


FIG. 7C

TAKAHASHI et al Q67303 ALTERNATOR Filed: November 20, 2001 Robert J. Seas, Jr. 202-293-7060 8 of 20

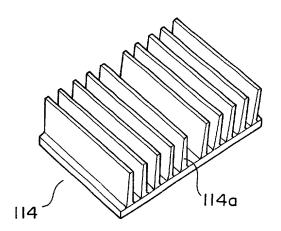


TAKAHASHI et al Q67303 ALTERNATOR Filed: November 20, 2001 Robert J. Seas, Jr. 202-293-7060 9 of 20

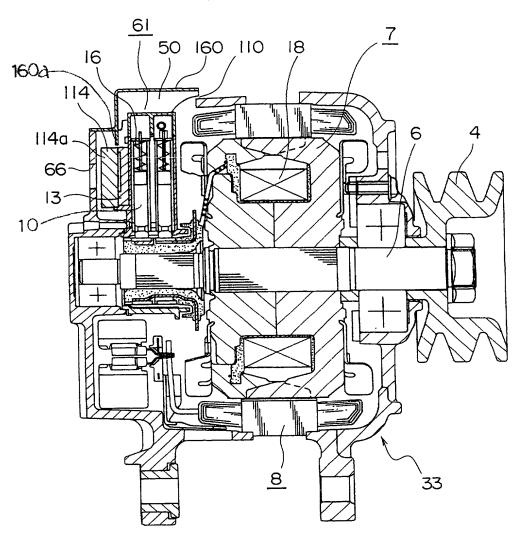


TAKAHASHI et al Q67303 ALTERNATOR Filed: November 20, 2001 Robert J. Seas, Jr. 202-293-7060 10 of 20

FIG. 10



TAKAHASHI et al Q67303 ALTERNATOR Filed: November 20, 2001 Robert J. Seas, Jr. 202-293-7060 11 of 20



TAKAHASHI et al Q67303 ALTERNATOR Filed: November 20, 2001 Robert J. Seas, Jr. 202-293-7060 12 of 20

FIG. 12

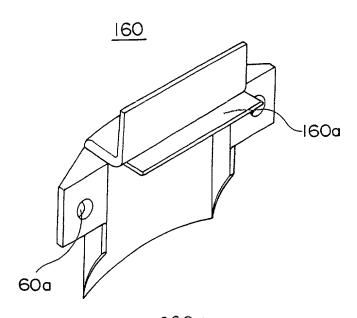
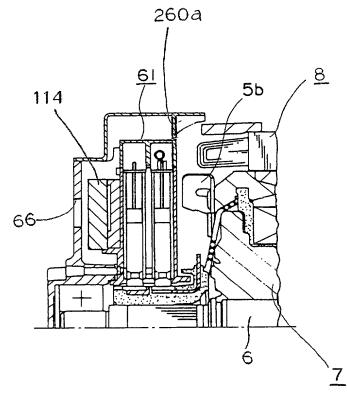
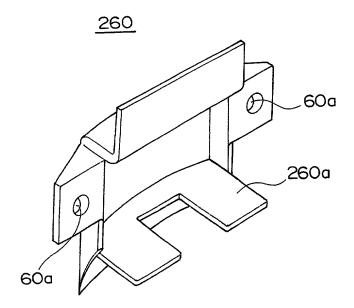


FIG. 13



TAKAHASHI et al Q67303 ALTERNATOR Filed: November 20, 2001 Robert J. Seas, Jr. 202-293-7060 13 of 20



TAKAHASHI et al Q67303 ALTERNATOR Filed: November 20, 2001 Robert J. Seas, Jr. 202-293-7060 14 of 20

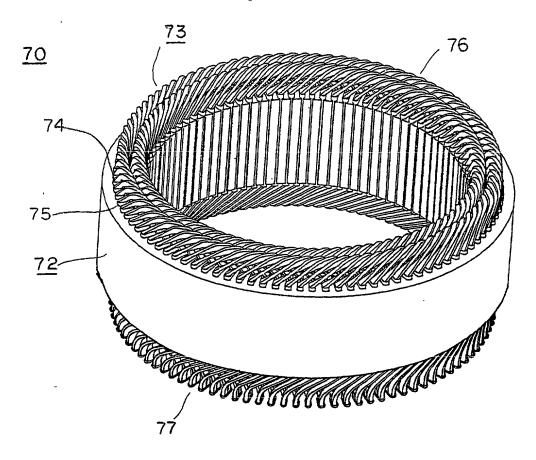
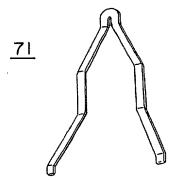


FIG. 16



TAKAHASHI et al Q67303 ALTERNATOR Filed: November 20, 2001 Robert J Seas, Jr. 202-293-7060 15 of 20

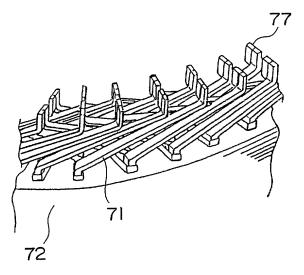
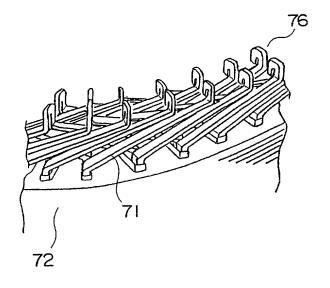
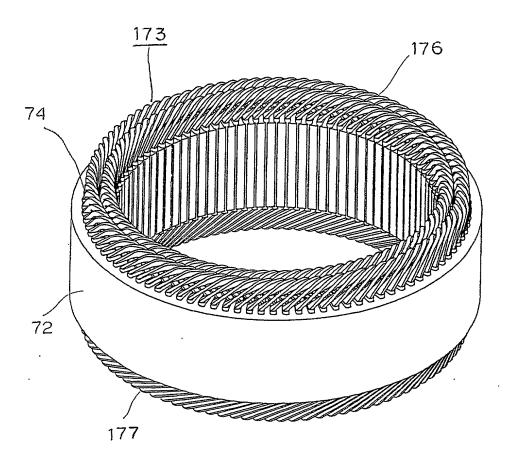


FIG. 18

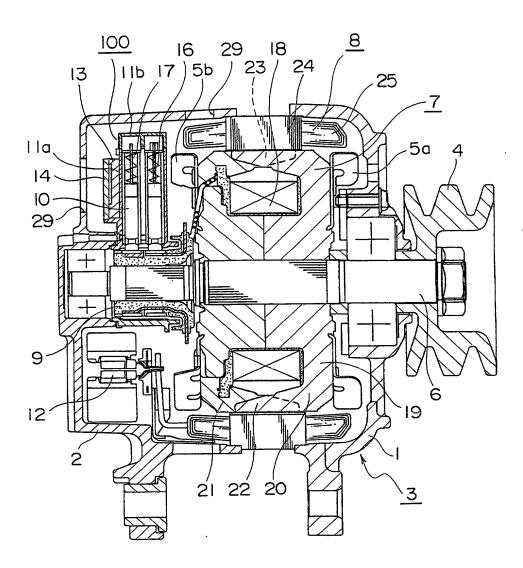


TAKAHASHI et al Q67303 ALTERNATOR Filed: November 20, 2001 Robert J. Seas, Jr. 202-293-7060 16 of 20

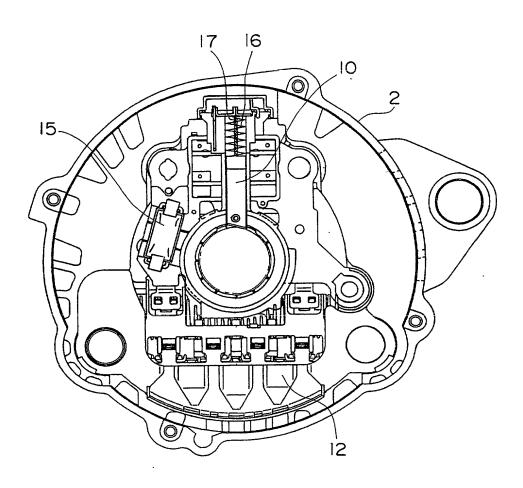
FIG. 19



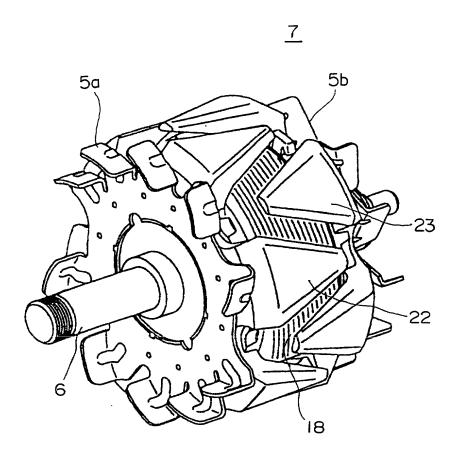
TAKAHASHI et al Q67303 ALTERNATOR Filed: November 20, 2001 Robert J. Seas, Jr. 202-293-7060 17 of 20



TAKAHASHI et al Q67303 ALTERNATOR Filed: November 20, 2001 Robert J. Seas, Jr. 202-293-7060 18 of 20



TAKAHASHI et al Q67303 ALTERNATOR Filed: November 20, 2001 Robert J. Seas, Jr. 202-293-7060 19 of 20



The first first three when the first three will be the first three three

TAKAHASHI et al Q67303 ALTERNATOR Filed: November 20, 2001 Robert J. Seas, Jr. 202-293-7060 20 of 20

#### FIG. 23

8

